

Buzzerfest VII: 15 Minutes to Wapner

Edited by Chris Frankel

Packet by Maryland B (Phil Durkos, Eric Newman, and Dan Goff)

Tossups

1. Only around 500 people subscribed to it during its 35 year production run, frustrating its founder's attempts to support his family with revenue from it after his marriage to Helen Benson. Co-edited by Mary Weston Chapman, it faced harsh resistance from several state legislatures: for example, distributors of it were subject to a \$1500 fine in South Carolina. The first issue of this weekly paper came out in 1831 and contained a fiery editorial declaring, "I will not retreat a single inch- AND I WILL BE HEARD!" FTP, name this abolitionist newspaper published by William Lloyd Garrison.

ANSWER: The **Liberator**

2. Certain species of wasps, when infected by the bacteria *Wolbachia*, can have this process induced in them. Part of the apomixis process in plants, it had its first artificial occurrence in an experiment where Jacques Loeb pricked frog eggs with the needle. Gregory Pincus induced a mammalian example by using chemical agents and temperature changes on rabbit eggs, and it occurs naturally in many rotifers during times where no males are present. FTP, give this term describing a form of reproduction in which the ovum develops into a new individual without fertilization.

ANSWER: **parthenogenesis**

3. The concept behind it was by Jean Paul Richter in the 1796 novel *Siebenkas*, and was explored using the character Legatt in Joseph Conrad's *The Secret Sharer*. Also used in *The Devil's Elixir* by E.T.A. Hoffman, it may have as its most popular literary example the counterpart to Golyadkin in the Dostoyevsky novel *Dvoynok*. Only visible to its owner and taking its name from a phrase meaning "double-walker," FTP, what is this term from folklore describing the apparition of a living person?

ANSWER: **doppelganger**

4. The protagonist makes an allusion to *Hedda Gabler* in a confrontation with his mother, who does not get the reference and assumes "some Hedda" her son mentioned was a prostitute he had visited. Such fears are not unfounded, as the protagonist then goes off to be comforted by his Uncle Sid because he is hungover from a bender that nearly resulted in his being seduced by a hooker named Belle. However, all ends well when Mr. McComber changes his mind and allows his daughter Muriel to date Richard Miller in, FTP, this only comedy of Eugene O'Neill.

ANSWER: **Ah, Wilderness!**

5. His political career was highlighted by a heated rivalry with Edward Coke, and ended when he was took a bribe and was impeached from his position as Lord Chancellor. He wrote histories of the reigns of Henry VII and Henry VIII, and compiled a list of scientific and natural trends from the past ten centuries in his *Sylva Sylvarum*, the third part of his unfinished project, the *Magna Instauratio*. He categorized the problems preventing man's intellectual advancement into four idols, and created the utopian island of Bensalem in his *New Atlantis*. FTP, name this Elizabethan-era philosopher and author of the *Novum Organum*.

ANSWER: **Francis Bacon**

6. More mundane ones included "On Party Primaries," "On the Coal Crises," and "Review of the Achievements of the Seventy-third Congress," which asked Americans if they were better off than they were last year. The longest of the 30 was "Announcing Unlimited National Emergency," a 45 minute speech linking American security with freedom of the seas and the safety of foreign democracies. Debuting with "On the Bank Crisis," and encompassing topics ranging from reorganization of the judiciary, to works relief programs, to the Tehran and Cairo conferences, FTP, what were these speeches periodically delivered at Hyde Park and the White House by Franklin Roosevelt?

ANSWER: **fireside chats**

7. This event and the eventual treaty of the same name it inspired have been described in writings excavated in Bogazkoy, which balance out biased accounts recorded at temples of the rival commander. The Re division was routed after they fell for a false report that the enemy was at Aleppo and began crossing the Orontes river. However, Mutawallis was unable to finish off his opponents, and the battle ended inconclusively. FTP, name this ancient battle fought between the Hittites and the Egyptians, who were led by Ramses II.

ANSWER: Battle of Kadesh

8. It opens with the hanging of marigolds and mango leaves from doorways and the spreading of powder across the floor to simulate footprints. The third day marks the end of the fiscal year, and account books are closed and forgotten as ceremonies of firecrackers light up the night. Throughout this five day festival, celebrators, in the hopes of receiving a blessing from Lakshmi, light diyas, or tiny clay lamps, and place them around the house. FTP, name this holiday known as the Festival of Lights, a celebration of the Hindu New Year.

ANSWER: Diwali or Deepawali (prompt on "Festival of Lights" or "Hindu New Year")

9. This city was not recognized officially or named until 1963, during which it was undergoing a residential expansion project funded by Earnest Oppenheimer. In its earlier days it was a shantytown built in the Klipspruit area by miners trying to escape plague and influenza epidemics. The 1940's saw a land grab by roughly 20000 squatters led by James Mpanza, who became known as the city's father. More recently, it was subjected to a series of 2002 bombings by the Boeremag and anti-apartheid rioting in 1976. FTP, name this South African city located just outside Johannesburg, with its name being an acronym for "Southwest Township."

ANSWER: Soweto

10. The catalyst for the plot of this novel occurs when one of the characters climbs a mango tree to retrieve his lost parrot and falls to his death shortly after returning home from performing an autopsy on Jeremiah de Saint-Amour. One of the main characters promptly leaves the fourteen year old girl he's been banging, America Vicuna, and starts courting his newly widowed love object, culminating in an eternal voyage on a riverboat that cannot dock because of a yellow flag representing disease. FTP, name this magic realist novel about Florentino Ariza and Fermina Daza, written by Gabriel Garcia Marquez.

ANSWER: Love in the Time of Cholera or El Amor en los Tiempos de Cólera

11. This theory is the first attempt at a unified field theory. Its modern derivatives include orbifold theory, which might resolve this theory's inability to deal with chirality. Most of today's unified field theories incorporate this theory's ground-breaking idea of extra-dimensions. The original formulation in 1919 called for an independent fifth dimension, in which the metric can be decomposed to become the normal gravitational metric, a Maxwell field, and a scalar. FTP, what is this theory that attempts to unite general relativity and electromagnetism, named after two German physicists.

ANSWER: Kaluza-Klein

12. She and Canens were the romantic rivals for a son of Cronus, and when rejected, she caused Picus to be turned into a woodpecker. Sometimes described as the sister of Pasiphae and Aeetes, she redressed the murder of Apsyrtus by purifying Medea and the Argonauts. In her youth, she also loved Glaucus, who turned her down for another girl, causing her to retaliate by transforming Scylla into a horrific monster. FTP, name this sorceress who transformed sailors into pigs and tried to seduce their leader, Odysseus.

ANSWER: Circe

13. One is a four-minute long interlude by Handel that imitates the sound of bagpipes and dances of Sicilian peasants, and appears as the thirteenth piece in the *Messiah*. Another, written in 1922, follows the same theme as its composer's earlier romance *The Lark Ascending* and is scored for a full orchestra with a soprano or tenor; it was the third work of its kind by Ralph Vaughan Williams. The most famous one was written in F major and features an unconventional five movements, which include depictions of a scene by a brook and a thunderstorm. FTP, give the common nickname of these pieces, most often applied to Beethoven's Sixth.

ANSWER: Pastoral Symphony

14. Supplementing this equation with three substance-specific coefficients results in the Antoine equation, which often is used as a substitute for it when a substance is under high pressure or near the critical point. It can be used to predict the phase transitions of a pure compound with the help of Trouton's rule, although it becomes less accurate for high boiling compounds. Using the natural log to describe how heat of vaporization, the ideal gas constant, and temperature relate to the vapor pressure of a substance, FTP, what is this equation named for a German physicist and a French one?

ANSWER: Clausius-Claperyon Equation

15. In this work, the heroine's eventual fiancée first appears as an anonymous, disheveled soldier who climbs up a drainpipe into her room, threatens her with a pistol, and lectures her on the foolishness of war. The heroine's other suitor, a youthful cavalry officer, later is revealed to be sleeping with the maid, Louka, and marries her instead. Set during a war between Serbia and Bulgaria, the play ends with Raina's engagement to Captain Bluntschli, her "chocolate cream soldier." FTP, name this George Bernard Shaw play that takes its title from the opening lines of *The Aeneid*.

ANSWER: Arms and the Man

16. In this case's decision Justice Hugo Black praised the court's previous ruling in *Powell v. Alabama*, the famous Scottsboro Boys case. Black chided the selective application of the Sixth Amendment by the court of original jurisdiction, which had employed *Betts vs. Brady* in rejecting the defendant's motion five years earlier, and emphasized the procedural safeguards which were needed for due process of law. Leading to the appointment of future Supreme Court justice Abe Fortas to the represent the defendant, FTP, this is what 1966 Supreme Court case in which a Florida man sued for the right to attorney?

ANSWER: Gideon vs. Wainwright

17. This name is given to a self-similar figure with Hausdorff dimension of $\ln 4 / \ln 3$ [natural log 4 over natural log 3], infinite perimeter and finite area. It is also given to a set of four postulates giving the conditions under which a parasite can be causally linked with a disease. The figure is produced by iteratively placing smaller equilateral triangles on the sides of previous triangles. FTP, give the common name of this fractal "snowflake" and the German bacteriologist who discovered the bacilli causing cholera and tuberculosis.

ANSWER: Koch (accept "von Koch" before "parasite")

18. The only animals in this landscape are a pair of birds: one soaring in the distance against the backdrop of mountains, the other one flying closer above a rock-filled brook. A large tree covers the left side and extends its branches over the top to frame the rest of the painting, which is set at Kaaterskill Clove, and features two men talking on a rocky ledge above the valley. The men are William Cullen Bryant and Thomas Cole, both friends and artistic influences of the painter. FTP, name this Hudson River School painting by Asher Durand.

ANSWER: Kindred Spirits

19. This event was placed in a David painting in a room with air blowing through an open window to signify the winds of change. One man present, Martin Dauch, explicitly noted his opposition to it, because he would not act without the king's permission, but 577 others signed on. The week after, a meeting of the Estates General was called in response to this event, which occurred when the *Menus Plaisirs* was locked. FTP, name this 1789 pledge made by members of the Third Estate at a recreational center.

ANSWER: Tennis Court Oath

20. Minor characters include Chilon Chilonides, who betrays his friend Glaucus before becoming a Christian martyr; Tigellinus, the captain of the guard; and Ursus, a gentle giant. The main plot revolves around the love of the Christian beauty Ligia and the pagan soldier Marcus Vinicius and also stars such historical figures as Seneca, Lucan, Petronius, and Saint Peter, who addresses Jesus with the titular question. FTP, name this 19th Century novel set in the time of Nero, written by Henry Sienkiewicz.

ANSWER: Quo Vadis?

21. Inspiration for this work is often attributed to "Verses for the Joust" by Angelo Poliziano, and it was given its name by Giorgio Vasari. Only three males appear in the picture: a blindfolded Cupid flying above the scene in the center, a young man on the far left who is dressed in red and reaching up to the sky, most likely Mercury, and the bloated blue figure of Zephyr, who pursues a nymph with flowers in her mouth. Also featured are the three Graces dancing in a circle and Venus, who watches from the center. FTP, name this seasonally titled painting by Sandro Botticelli.

ANSWER: *La Primavera* or *The Allegory of Spring*

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Bonuses

1. Answer these questions about a woman and her technological contributions, FTPE.

(10) A former Rear Admiral in the US Navy, she worked with the Harvard Mark I Calculator and participated in the development of the original UNIVAC.

ANSWER: Grace **Hopper**

(10) Hopper is often credited as the inventor of this language, which was developed in 1959 by CODASYL as an effort to create a standardized language for business.

ANSWER: **COBOL** or **Common Business Oriented Language**

(10) COBOL borrowed heavily from this earlier business language developed in 1955 by Hopper.

ANSWER: **FLOW-MATIC**

2. Answer these questions about a European country and its rulers, FTPE.

(10) John IV, John V, John VI, and Manuel II were among the kings of this dynasty that ruled Portugal from 1640 to 1910.

ANSWER: **Braganza**

(10) He ruled from 1438-1481 and sponsored the West African exploration of Henry the Navigator.

ANSWER: **Alfonso V**

(10) He sponsored Vasco da Gama and Pedro Cabral and ruled from 1495-1521.

ANSWER: **Manuel I**

3. Ernest Hemingway works from summaries, FTPE.

(10) The two waiters in this story discuss a quiet old man who comes to their café every night to spend time in the titular location.

ANSWER: "A **Clean, Well-Lighted Place**"

(10) Published after Hemingway's death, this collection of memoirs describes his five years in Paris during the 1920's.

ANSWER: *A **Moveable Feast***

(10) Santiago has an epic struggle catching a marlin, then has it eaten by sharks while going back to shore.

ANSWER: *The **Old Man and the Sea***

4. Answer these questions about baseball mediocrity, FTPE.

(10) There is some confusion over whether this statistical benchmark was named after Minnie or Mario. Only Minnie had a career average below .200, though.

ANSWER: **Mendoza** line

(10) This team's 2004 Opening Day win put the team was over .500 for the first time since April 8, 2001, and their 3-0 start to the season is their first 3-game win streak since 1985.

ANSWER: **Detroit Tigers** (accept either name)

(10) Though he made the NL All Star team in 1940, Phillies hurler Hugh Mulcahy finished with a record of 13-22 for the year. His career record was 45-89, reflecting this dubious nickname sportswriters gave him.

ANSWER: **Losing Pitcher** (prompt on "LP")

5. Stuff about religion in the American colonies, FTPE.

(10) Cecilius Calvert passed a 1649 Act of Toleration to protect the rights of Catholics in this colony.

ANSWER: **Maryland**

(10) The Massachusetts Bay Colony expelled Anne Hutchinson for preaching this extreme doctrine, which states that receivers of God's grace are predetermined, thus making moral behavior irrelevant.

ANSWER: **antinomianism**

(10) The Puritans became a little more lax with the issuing of this document, which allowed children of church members to be baptized and receive some church benefits without full membership.

ANSWER: **Halfway Covenant**

6. Stuff about a plant hormone, FTPE.

(10) Discovered in 1926 by Eichi Kurosawa, this class of hormones has the primary function of promoting stem elongation.

ANSWER: **gibberellins**

(10) Kurosawa made his discovery while studying the symptoms of this plant disease in rice, which was caused by a fungus and caused infected plants to grow abnormally long and brittle, without producing any seeds.

ANSWER: **bakanae** or **foolish seedling** disease

(10) In contrast to gibberellins, this hormone inhibits growth and seed germination, causing dormancy in plant buds.

ANSWER: **abscisic acid**

7. Things from Norse mythology, FTPE.

(10) This 8-legged beast is Odin's trusty steed.

ANSWER: **Sleipnir**

(10) Made from, among other things, the footfall of a cat, this slender silken rope is the only chain sturdy enough to bind the Fenris Wolf.

ANSWER: **Gleipnir**

(10) This ring of Odin, which was placed on Baldr's funeral pyre, has the magical property of producing two rings, which in turn produce four, and so on.

ANSWER: **Draupnir**

8. Identify the following about characters whom Molière named Cléante, FTPE.

(10) In this Molière comedy, Cléante loves Angélique, the daughter of the title character, Argan. The plot revolves around Argan's attempts to marry his daughter to Thomas Diafoirus, a boring medical student.

ANSWER: **Le Malade Imaginaire** or **The Imaginary Invalid**

(10) In this Molière comedy, Cléante is the brother of Orgon, who is duped by the title miscreant.

ANSWER: **Tartuffe**

(10) In this Molière comedy, Cléante is the son of Harpagon, the stingy title character.

ANSWER: **L'Avare** or **The Miser**

9. Answer the following art stuff, 5-5-10-10.

(5) This Japanese art style of the Edo Period revolved around paintings and woodblock prints depicting pictures of the "floating world."

ANSWER: **ukiyo-e**

(5) This renowned *ukiyo-e* artist is remembered for his *Thirty-Six Views of Mount Fuji*.

ANSWER: **Hokusai**

(10) Hokusai produced a famous series of works featuring this Japanese thunder god.

ANSWER: **Raiden**

(10) This *ukiyo-e* artist followed a procession from Edo to Kyoto, which inspired his masterpiece, *Fifty-Three Stations of the Tokaido*.

ANSWER: Ando **Hiroshige** or Utagawa **Hiroshige**

10. Identify these Soviet rulers who ruled for 3 years or less, FTPE.

(10) A surprise appointment to the post following Leonid Breszhnev's death, this man became the first KGB head to ascend to the post of General Secretary.

ANSWER: Yuri **Andropov**

(10) He lost a power struggle with Andropov following Breszhnev's death, but became General Secretary after Andropov died, despite concerns about his own health.

ANSWER: Konstantin **Chernenko**

(10) He was a close friend of Stalin, but only led the Party for 6 months before being replaced by Nikita Khrushchev in September 1953.

ANSWER: Georgy **Malenkov**

11. Answer the following about W.H. Auden, FTPE

(10) This poem claims, "About suffering, [the Old Masters] were never wrong," using a Brueghel painting to illustrate the world's apathy towards individual suffering.

ANSWER: "Musée des Beaux-Arts"

(10) This mournful poem begins, "Stop all the clocks, cut off the telephone," and says, "Bring out the coffin, let the mourners come."

ANSWER: "Funeral Blues"

(10) Auden produced *The Ascent of F6* with this author, better known for his writings about Berlin.

ANSWER: Christopher Isherwood

12. Hegel influenced a lot of people. FTPE:

(10) This former student of Hegel was one of the Young Hegelians, who attacked the influence of religious tenets in establishing the authority of the state. He also wrote *The Essence of Christianity*

ANSWER: Ludwig Feuerbach

(10) In 1907, this Italian published the critique *What is Living and What is Dead in the Philosophy of Hegel*.

ANSWER: Benedetto Croce

(10) A 20th Century resurgence in the popularity of Hegel's work was heavily aided by this group, whose members include Theodor Adorno and Herbert Marcuse.

ANSWER: Frankfurt School

13. 5-10-20-30 Name the African Nation given its first and current president:

(A) Sir Edward Mutesa; Yoweri Museveni.

ANSWER: Uganda

(B) Jomo Kenyatta; Mwai Kibaki.

ANSWER: Kenya

(C) Kwame Nkrumah; John Agyekum Kufuor.

ANSWER: Ghana

(D) Kenneth Kaunda; Levy Mwanawasa.

ANSWER: Zambia

14. Time for a half-assed mechanics bonus! FTPE:

(10) According to Newton's Laws, the derivative of this fundamental mechanical quantity with respect to time is equal to force.

ANSWER: linear momentum

(10) All or nothing: Momentum may be defined as the product of these two other mechanical quantities.

ANSWER: mass and velocity

(10). According to Noether's symmetry theorem, conservation of linear momentum corresponds with symmetry under this geometric transformation.

ANSWER: translation

15. Answer the following about a female composer, FTPE.

(10) One of the collaborators on the 1921 ballet, *The Wedding on the Eiffel Tower*, she also wrote the ballet *The New Cythera* and the *Suite Burlesque*.

ANSWER: Germaine de Tailleferre

(10) Along with George Auric, Francis Poulenc, and others, Tailleferre was a member of this group of French composers.

ANSWER: Les Six

(10) Tailleferre also studied with and befriended this composer of *The Spanish Hour* and *Daphnis et Chloe*.

ANSWER: Maurice Ravel

16. Name the church council from a brief description and the year, FTPE.

(10) Papal infallibility was formally defined, 1869-1870.

ANSWER: Vatican I or First Vatican

(10) This council discussed transubstantiation, outlined various conduct rules for priests, and discussed the punishment of heretics and their supporters, 1215.

ANSWER: Lateran IV or Fourth Lateran

(10) A response to Luther and the Protestant Reformation, it reaffirmed the seven sacraments and codified numerous elements of Catholic doctrine, 1545-1563.

ANSWER: Council of Trent

17. Name these female educators, FTSNOP

(10) This practitioner of the Tadoma method is known almost exclusively for mentoring Helen Keller

ANSWER: Anne Sullivan

(15) Inspired by the work of Friedrich Froebel in German, this transcendentalist founded the first kindergarten in the United States in 1860.

ANSWER: Elizabeth Palmer Peabody

(5) The eponymous method devised by this Italian was designed to allow children to learn at their own pace and style.

ANSWER: Maria Montessori

18. Name the following about a field of chemistry, FTPE.

(10) The form of matter in this field, first studied by Thomas Graham in 1861, includes smoke, dust, whipped cream, Jell-o, and Styrofoam.

ANSWER: colloids

(10) This is a type of molecules that under some conditions, will exhibit long range ordering while still able to flow. By suspending colloidal particles in this type of molecules, we form a family of exotic soft liquid that is self supporting and optically active, which can be used for flexible displays.

ANSWER: liquid crystals

(10) This theory relates lyophobic colloid stability to energy of interaction between particles. The four letter name of the theory comes from the initials of its discoverers.

ANSWER: DLVO theory (Deryagin, Landau, Verwey, Overbeek)

19. Identify these meteorological measurement scales, FTPE.

(10) This scale for measuring tornado intensity has garnered criticism since it is based on observations of damage done rather than on wind speed.

ANSWER: Fujita Scale

(10) This scale to rank hurricanes takes into account central pressure, wind speed, and estimated storm surge to rank a hurricane from Minimal to Catastrophic.

ANSWER: Saffir-Simpson Scale

(10) This scale, which assigns ratings of one through twelve, was originally based on how the weather would affect a man of war sailing at sea.

ANSWER: Beaufort Scale

20. Identify the following about a certain work of Chinese literature, FTPE:

(10) This Chinese epic, set in the 3rd century CE during the titular period, follows the rise of a young lord named Liu Bei, advised by the wise sage Chu-Ko Liang.

ANSWER: Romance of the Three Kingdoms

(10) This courtier is credited with writing the *Romance of the Three Kingdoms*.

ANSWER: Lo Kuan-Chung

(10) This ambitious general, who plots to overthrow the Han emperor and gain control of China, is the leader of the Wei Kingdom in "Romance of the Three Kingdoms."

ANSWER: Tsao Tsao or Cao Cao